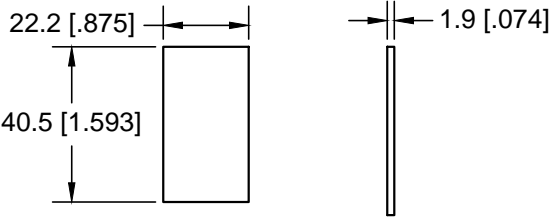


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



J

\*NOTES\*

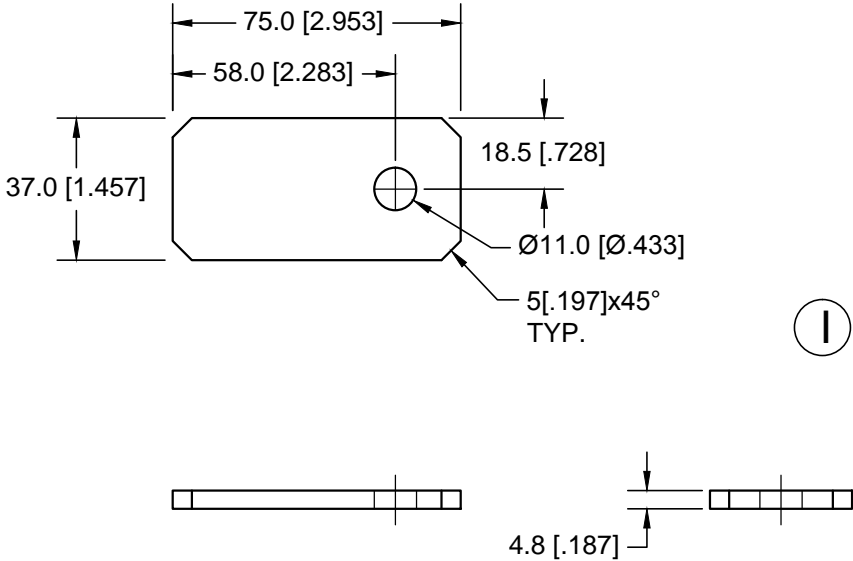
- FIRST DIMENSION IS METRIC,  
SECOND IN BRACKETS IS INCHES.

DRAWN BY: PERRITT		<div><div>RB</div>RED BARN MACHINE</div>	
APPROVED			
HEAT TREAT			
FINISH SPEC --			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		TITLE	
TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1		TUBE END CAP	
FRACTIONS ± 1/32 ANGLES ±.5°		DWG NO. TM0038P001-J	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR. .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		REV	
SCALE NTS		DATE 9-29-06	
		SHEET 14 of 14	

PART #	QTY	DESCRIPTION
J	2	1018 14ga. 1.593 x .875

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON:	
DECIMALS	FRACTIONS ± 1/32
.XXX ± .005	ANGLES ± 5°
.XX ± .01	
.X ± .1	
UNLESS OTHERWISE SPECIFIED	
1. BREAK ALL SHARP EDGES	
.015 x 45° PR .015 R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



\*NOTES\*

1. FIRST DIMENSION IS METRIC,  
SECOND IN BRACKETS IS INCHES.

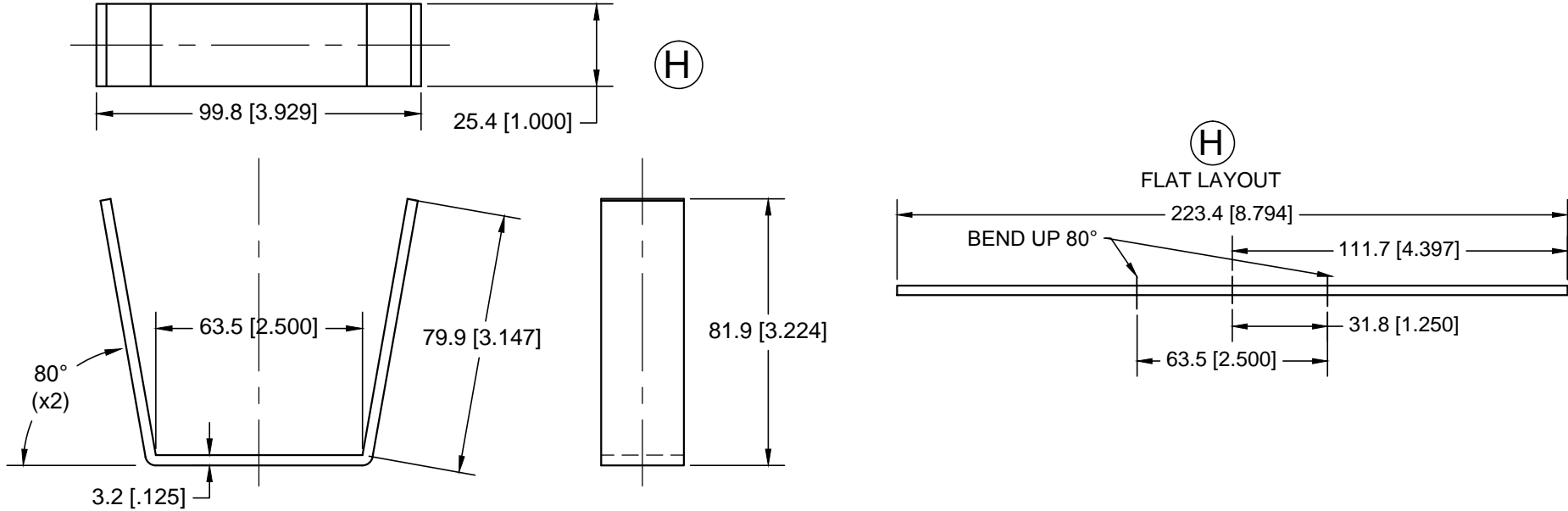
DRAWN BY:	PERRITT
APPROVED	
HEAT TREAT	
FINISH SPEC	--
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON:	
DECIMALS	
.XXX ± .005	FRACTIONS ± 1/32
.XX ± .01	ANGLES ± 5°
.X ± .1	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	

<div> <div>RB</div> <div>RED BARN MACHINE</div> </div>	
TITLE BUMPER PLATE	
DWG NO. TM0038P001-I	REV
SCALE NTS	DATE 9-29-06
SHEET 13 of 14	

USED ON MODEL
VOIR NOTA PL.0

PART #	QTY	DESCRIPTION
I	2	1018 1-1/2 x 3/16 x 3 FLAT BAR

REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
A	SHORTEND 3.175mm[.125 in.] FOR BOLT CLEARANCE.	8-6-07	WP	



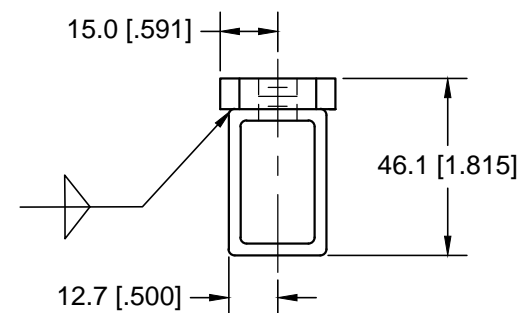
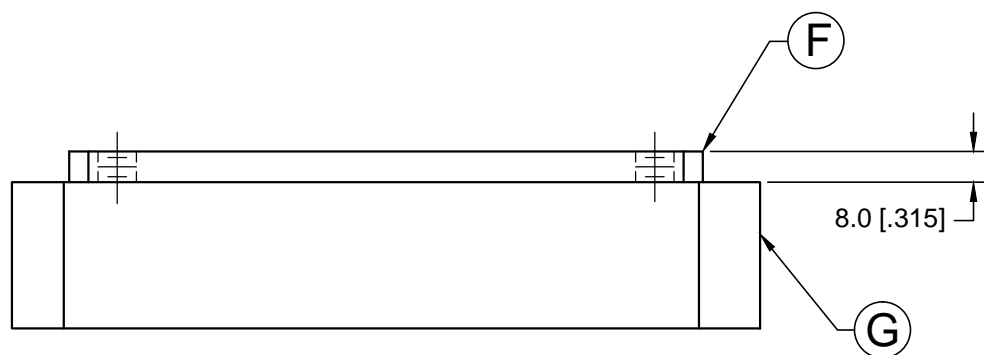
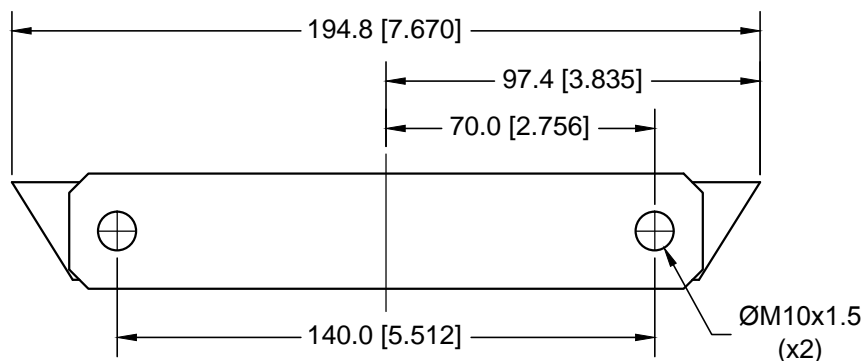
\*NOTES\*

- FIRST DIMENSION IS METRIC,  
SECOND IN BRACKETS IS INCHES.

DRAWN BY: PERRITT		<div><div>RB</div><div>RED BARN MACHINE</div></div>	
APPROVED			
HEAT TREAT			
FINISH SPEC --			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		TITLE	
TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1		FOOTING	
FRACTIONS ± 1/32 ANGLES ± 5°		DWG NO. TM0038P001-H	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		REV A	
SCALE		NTS	DATE 9-29-06
		SHEET 12 of 14	

PART #	QTY	DESCRIPTION	USED ON MODEL
H	3	1018 1 x 1/8 x 8-7/8 FLAT BAR	VOIR NOTA PL.0

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

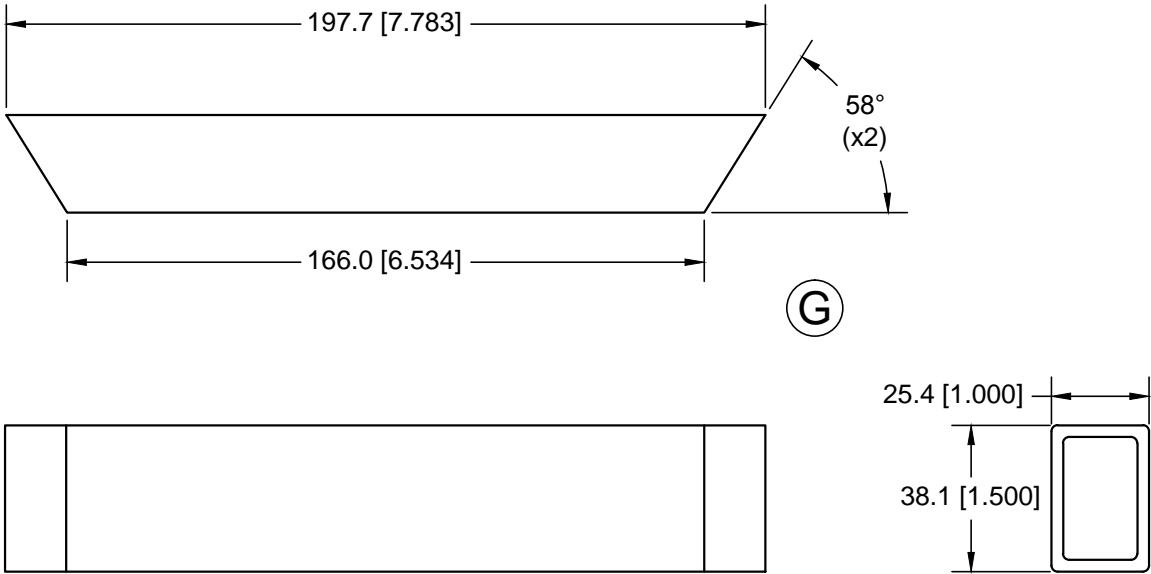


**\*NOTES\***

1. FIRST DIMENSION IS METRIC,  
SECOND IN BRACKETS IS INCHES.
2. WELD BEFORE MACHINING

2. WELD BEFORE MACHINING			DRAWN BY: PERRITT		<div><div>RB</div>RED BARN MACHINE</div>		
			APPROVED				
			HEAT TREAT		TITLE		
			FINISH SPEC --				
			USED ON MODEL		F - G ASSEMBLY		
			VOIR NOTA PL.0				
PART # QTY DESCRIPTION					DWG NO. TM0038P001-FG REV		
F 1 FRONT RAIL							
G 1 FRONT MOTOR MOUNT PAD					SCALE NTS DATE 9-29-06 SHEET 11 of 14		

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



**\*NOTES\***

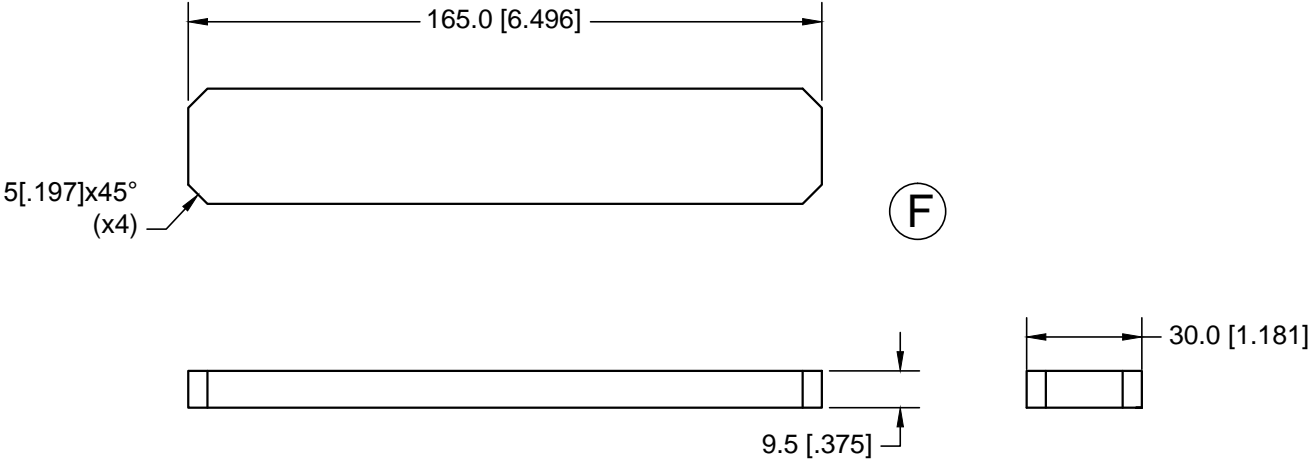
- FIRST DIMENSION IS METRIC,  
SECOND IN BRACKETS IS INCHES.
- .032 in. HAS BEEN REMOVED FROM EACH  
END FOR WELDING PURPOSES

DRAWN BY:	PERRITT
APPROVED	
HEAT TREAT	
FINISH SPEC	--
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON:	
DECIMALS	FRACTIONS ± 1/32
.XXX ± .005	ANGLES ± .5°
.XX ± .01	
.X ± .1	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	

<div> <div>RB</div> <div>RED BARN MACHINE</div> </div>	
TITLE FRONT RAIL	
DWG NO. TM0038P001-G	REV
SCALE NTS	DATE 9-29-06
SHEET 10 of 14	

PART #	QTY	DESCRIPTION	USED ON MODEL
G	1	1" x 1-1/2" x .120 WALL x 7-13/16 LONG RECT. STEEL TUBING	VOIR NOTA PL.0

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



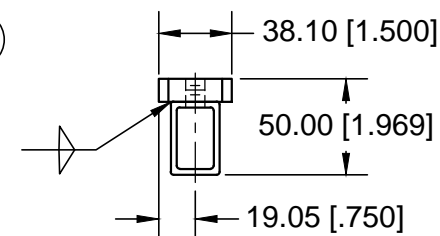
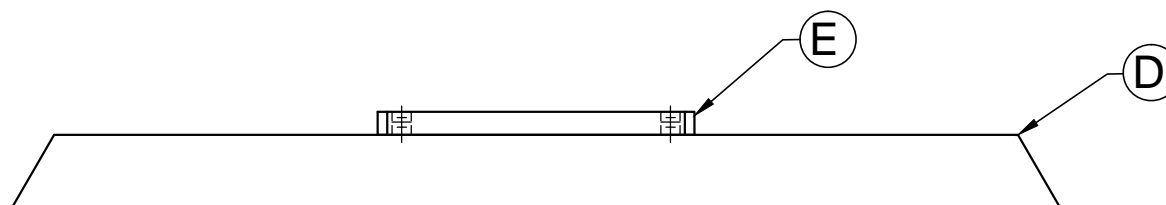
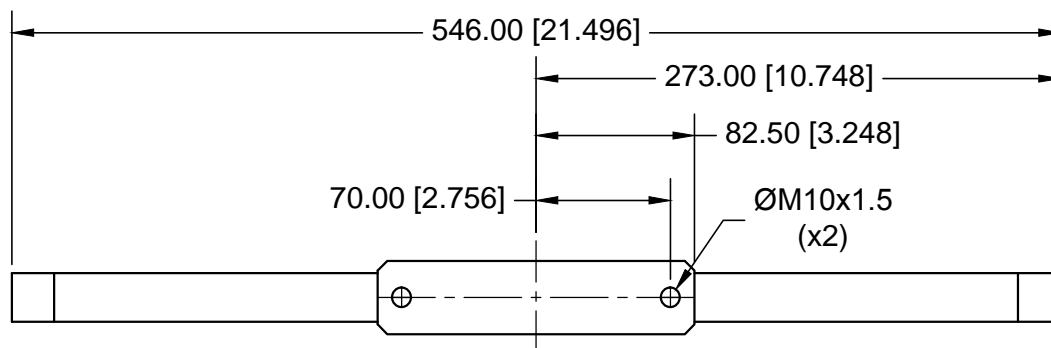
\*NOTES\*

1. FIRST DIMENSION IS METRIC,  
SECOND IN BRACKETS IS INCHES.

DRAWN BY: PERRITT		<div><div><div>RB</div></div><div>RED BARN MACHINE</div></div>	
APPROVED			
HEAT TREAT			
FINISH SPEC --			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		TITLE	
TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1		FRONT MOUNT PLATE	
FRACTIONS ± 1/32 ANGLES ± .5°		DWG NO.	REV
		TM0038P001-F	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		SCALE	DATE
		NTS	9-29-06
		SHEET	9 of 14

PART #	QTY	DESCRIPTION
F	1	1018 FLAT BAR 1-1/4" x 3/8 x 6-1/2 LONG

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

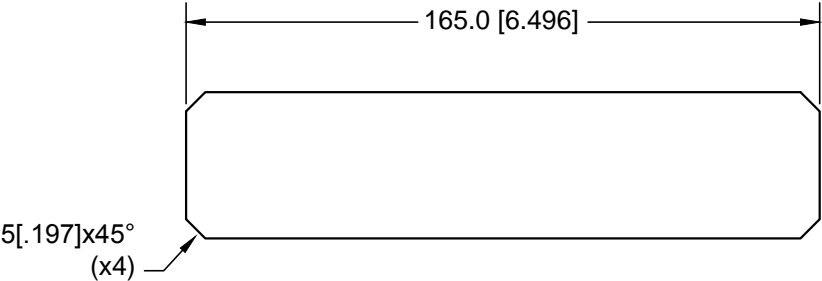


\*NOTES\*

1. FIRST DIMENSION IS METRIC,  
SECOND IN BRACKETS IS INCHES.
2. WELD BEFORE MACHINING

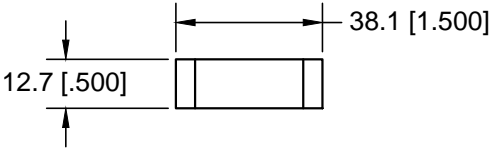
2. WELD BEFORE MACHINING			DRAWN BY: PERRITT		<div><div><div>RB</div></div>RED BARN MACHINE</div>	
			APPROVED			
			HEAT TREAT			
			FINISH SPEC --			
			USED ON MODEL		<div>TITLE</div> <div>D - E ASSEMBLY</div>	
			VOIR NOTA PL.0			
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005      FRACTIONS ± 1/32 .XX ± .01      ANGLES ± 5° .X ± .1			
			UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
PART #	QTY	DESCRIPTION			DWG NO.	REV
D	1	REAR RAIL			TM0038P001-ED	
E	1	REAR MOTOR MOUNT PAD			SCALE NTS	DATE 9-29-06
					SHEET 8 of 14	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



\*NOTES\*

1. FIRST DIMENSION IS METRIC,  
SECOND IN BRACKETS IS INCHES.

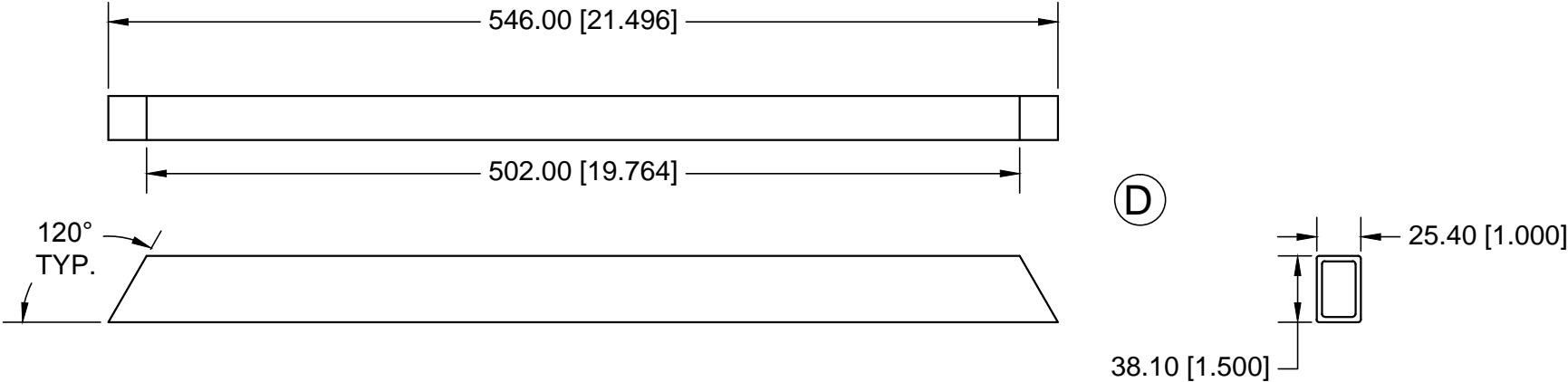


			DRAWN BY: PERRITT		<div><div>RB</div>RED BARN MACHINE</div>		
			APPROVED				
			HEAT TREAT				
			FINISH SPEC --				
			USED ON MODEL	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005      FRACTIONS ± 1/32 .XX ± .01      ANGLES ± 5° .X ± .1			
			VOIR NOTA PL.0				
PART #	QTY	DESCRIPTION	TITLE				
E	1	1018 FLAT BAR 1-1/2" x 1/2 x 6-1/2 LONG	DWG NO. TM0038P001-E			REV	
			UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		SCALE NTS	DATE 9-29-06	SHEET 7 of 14

UNLESS OTHERWISE SPECIFIED  
1. BREAK ALL SHARP EDGES  
.015 x 45° PR .015 R  
2. DIMENSIONAL LIMITS APPLY AFTER PLATING



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



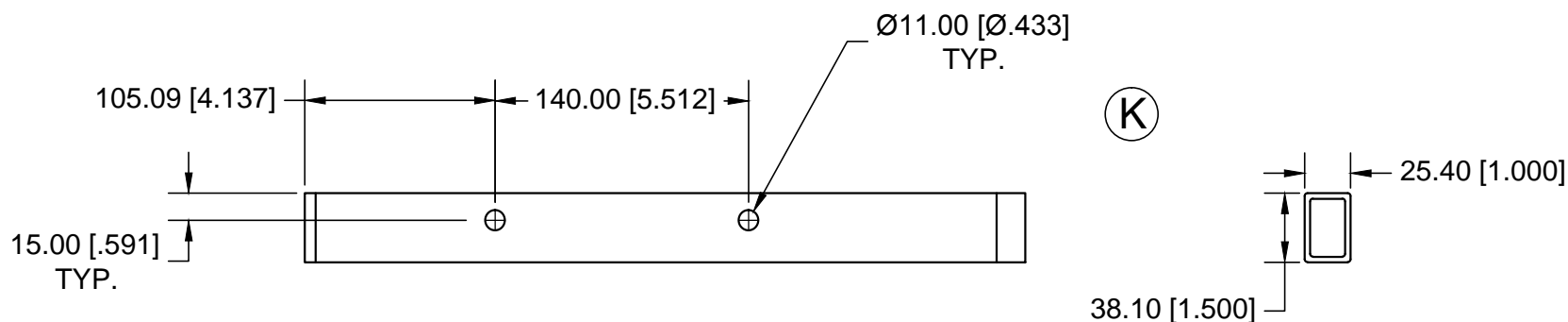
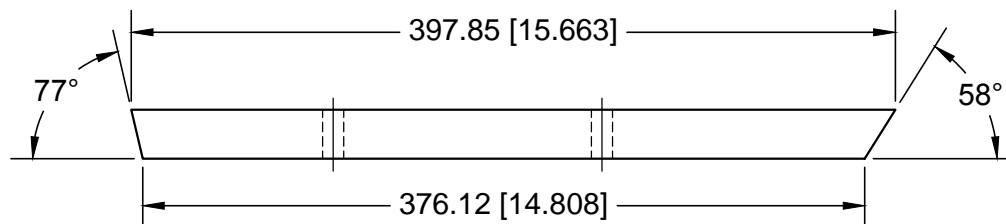
\*NOTES\*

1. FIRST DIMENSION IS METRIC, SECOND IN BRACKETS IS INCHES.
2. .157 in. HAS BEEN REMOVED FOR WELDING TWO 14 ga. END CAPS

DRAWN BY: PERRITT		<div><div>RB</div>RED BARN MACHINE</div>	
APPROVED			
HEAT TREAT			
FINISH SPEC --			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		TITLE	
TOLERANCES ON: DECIMALS XXX ± .005 XX ± .01 X ± .1		BACK RAIL	
FRACTIONS ± 1/32 ANGLES ±.5°		DWG NO. TM0038P001-D	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR. .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		REV	
SCALE		NTS	DATE 9-29-06
			SHEET 6 of 14

PART #	QTY	DESCRIPTION
D	1	1" x 1-1/2" x .120 WALL x 21-1/2 LONG RECT. STEEL TUBING

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



**\*NOTES\***

1. FIRST DIMENSION IS METRIC,  
SECOND IN BRACKETS IS INCHES.
2. .032 in. HAS BEEN REMOVED FROM EACH  
END FOR WELDING PURPOSES

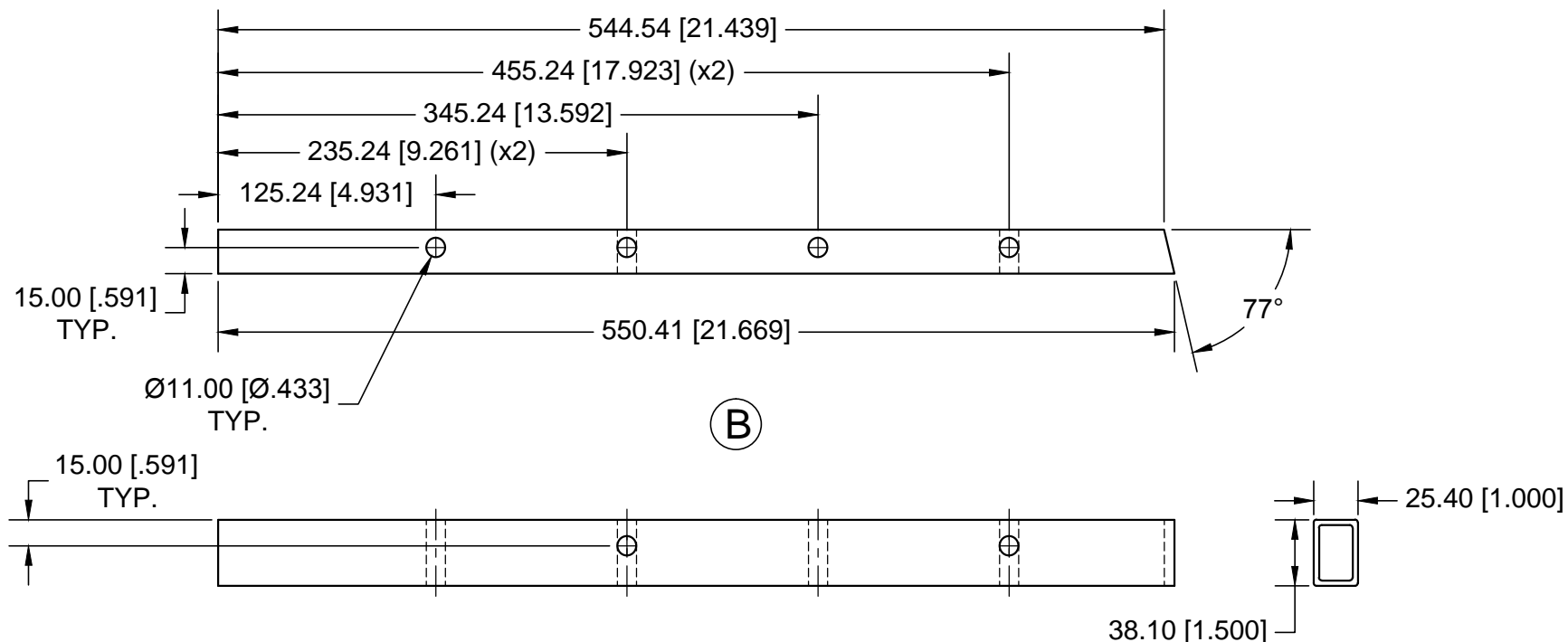
			DRAWN BY: PERRITT		<div>RB</div> RED BARN MACHINE	
			APPROVED			
			HEAT TREAT			
			FINISH SPEC --			
			USED ON MODEL		TITLE FRONT RIGHT SIDE RAIL	
			VOIR NOTA PL.0			
PART # QTY DESCRIPTION					DWG NO. TM0038P001-K REV	
K 1 1" x 1-1/2" x .120 WALL x 15-11/16 LONG RECT. STEEL TUBING						
					SCALE NTS DATE 9-29-06 SHEET 5 of 14	

Technical drawing of a tapered plate. The main view shows a plate with a top width of 376.12 [14.808] and a bottom width of 397.85 [15.663]. The left side is vertical, and the right side is tapered at an angle of 58°. The total length is 105.09 [4.137]. Two circular holes are shown, each with a diameter of Ø11.00 [Ø.433] TYP. The distance between the centers of the holes is 140.00 [5.512]. The distance from the left edge to the center of the first hole is 15.00 [.591] TYP. A detail view (C) shows a rectangular hole with a width of 25.40 [1.000] and a height of 38.10 [1.500].

1. FIRST DIMENSION IS METRIC,  
SECOND IN BRACKETS IS INCHES.
2. .032 in. HAS BEEN REMOVED FROM EACH  
END FOR WELDING PURPOSES

			DRAWN BY: PERRITT		<div><div>RB</div>RED BARN MACHINE</div>	
			APPROVED			
			HEAT TREAT			
			FINISH SPEC --			
			USED ON MODEL	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005      FRACTIONS ± 1/32 .XX ± .01      ANGLES ± .5° .X ± .1		
			VOIR NOTA PL.0			
PART #	QTY	DESCRIPTION		UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		
C	1	1" x 1-1/2" x .120 WALL x 15-11/16 LONG RECT. STEEL TUBING				
				DWG NO. TM0038P001-C		REV
				SCALE NTS	DATE 9-29-06	SHEET 4 of 14

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

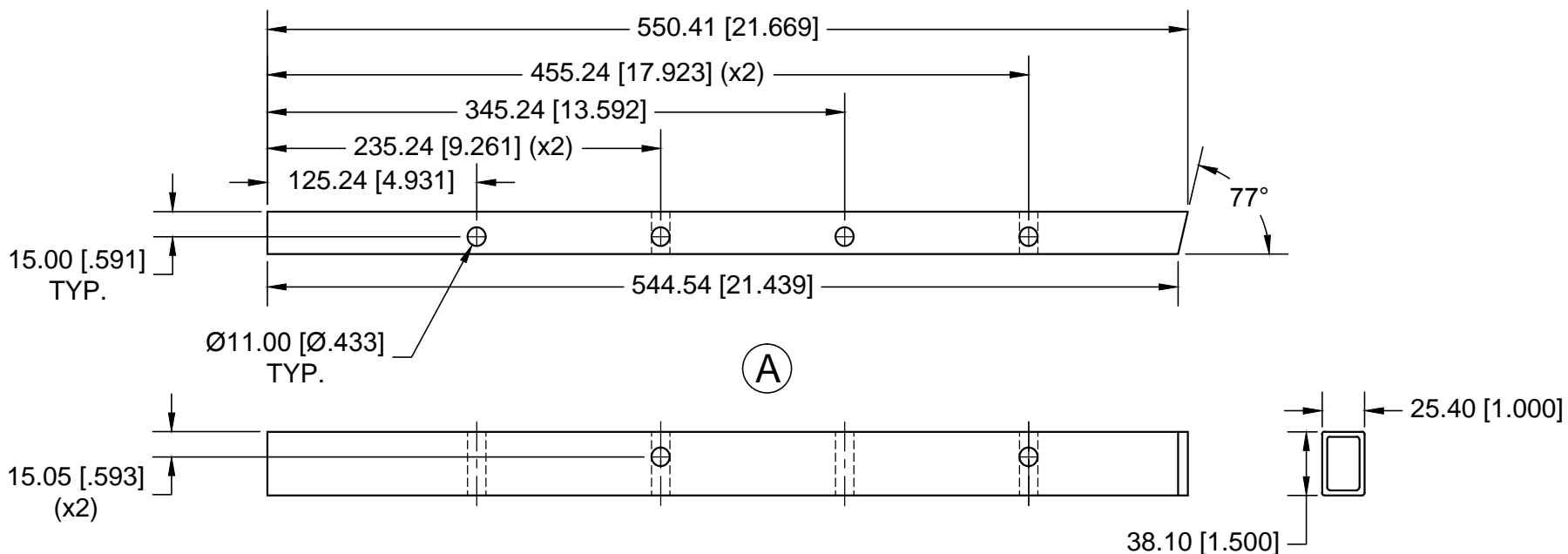


**\*NOTES\***

1. FIRST DIMENSION IS METRIC, SECOND IN BRACKETS IS INCHES.
2. .032 in. HAS BEEN REMOVED FROM ANGLED END FOR WELDING PURPOSES

			DRAWN BY: PERRITT		<div><div>RB</div>RED BARN MACHINE</div>	
			APPROVED			
			HEAT TREAT			
			FINISH SPEC --			
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			
			TOLERANCES ON: DECIMALS		TITLE  LEFT SIDE RAIL	
			.XXX ± .005 FRACTIONS ± 1/32			
			.XX ± .01 ANGLES ± .5°			
			.X ± .1			
			UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
USED ON MODEL			VOIR NOTA PL.0		DWG NO. TM0038P001-BREV	
PART #	QTY	DESCRIPTION				
B	1	1" x 1-1/2" x .120 WALL x 21,669 LONG RECT. STEEL TUBING				
			SCALE NTS DATE 9-29-06 SHEET 3 of 14			

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

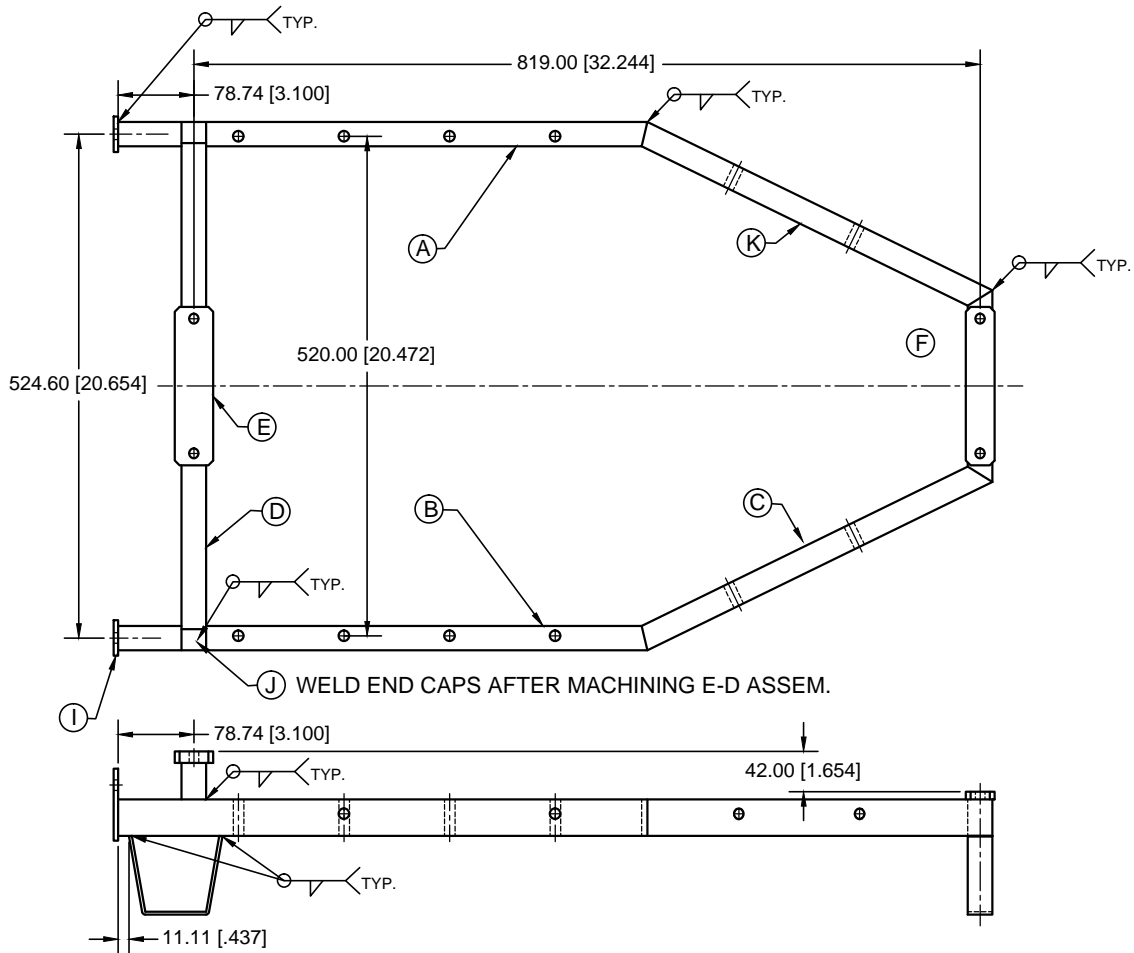


**\*NOTES\***

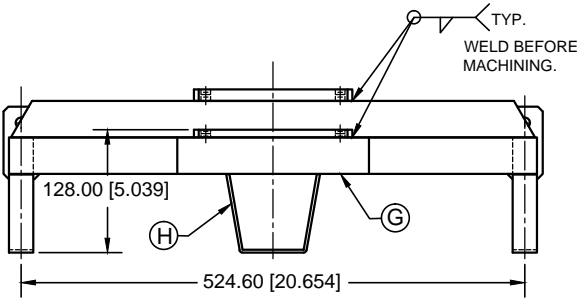
1. FIRST DIMENSION IS METRIC,  
SECOND IN BRACKETS IS INCHES.
2. .032 in. HAS BEEN REMOVED FROM ANGLED  
END FOR WELDING PURPOSES

			DRAWN BY: PERRITT		<div><div>RB</div>RED BARN MACHINE</div>																
			APPROVED																		
			HEAT TREAT																		
			FINISH SPEC --																		
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES																		
<table><tr><th>USED ON MODEL</th></tr><tr><th>VOIR NOTA PL.0</th></tr><tr><td></td></tr><tr><td></td></tr><tr><td></td></tr></table>			USED ON MODEL	VOIR NOTA PL.0				TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1		FRACTIONS ± 1/32 ANGLES ± 5°											
			USED ON MODEL																		
			VOIR NOTA PL.0																		
<table><tr><th>PART #</th><th>QTY</th><th>DESCRIPTION</th></tr><tr><td>A</td><td>1</td><td>1" x 1-1/2" x .120 WALL x 21,669 LONG RECT. STEEL TUBING</td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></table>			PART #	QTY	DESCRIPTION	A	1	1" x 1-1/2" x .120 WALL x 21,669 LONG RECT. STEEL TUBING										UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		TITLE  RIGHT SIDE RAIL	
			PART #	QTY	DESCRIPTION																
			A	1	1" x 1-1/2" x .120 WALL x 21,669 LONG RECT. STEEL TUBING																
			TITLE		TITLE																
			DWG NO. TM0038P001-A		REV																
			SCALE NTS		DATE 9-29-06																
			SHEET 2 of 14		SHEET 2 of 14																

REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
?	--	--	--	



PART #	QTY	DESCRIPTION
A	1	RIGHT SIDE RAIL
B	1	LEFT SIDE RAIL
C	1	FRONT LEFT SIDE RAIL
D	1	BACK RAIL
E	1	BACK MOUNT PLATE
F	1	FRONT MOUNT PLATE
G	1	FRONT RAIL
H	3	FOOT
I	2	BUMPER PLATE
J	2	TUBE END CAP
K	1	FRONT RIGHT SIDE RAIL



**\*NOTES\***

- FIRST DIMENSION IS METRIC, SECOND IN BRACKETS IS INCHES.


USED ON MODEL VOIR NOTA PL.0	DRAWN BY: PERRITT	<div> <div>RB</div> <div>RED BARN MACHINE</div> </div>	
	APPROVED		
	HEAT TREAT		
	FINISH SPEC		
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± .5°	TITLE MOTOR SUPPORT CHASSIS	
	UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	DWG NO. TM0038P001	REV
	SCALE 1:200	DATE 10-2-06	SHEET 1 of 14

REVISIONS			
REV	DESCRIPTION	DATE	APPROVE

PART #	QTY	DESCRIPTION
-1	2	1" x 1-1/2" x RECT. STEEL TUBING

USED ON MODEL  
ARRIEL 1E-1E2

DRAWN BY:		PERRITT	
APPROVED			
HEAT TREAT			
FINISH SPEC		--	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			
TOLERANCES ON:			
DECIMALS			
.XXX	± .005	FRACTIONS ± 1/32	
.XX	± .01	ANGLES ± 5°	
.X	± .1		
UNLESS OTHERWISE SPECIFIED			
1. BREAK ALL SHARP EDGES			
015 x 45° PR .015 R			
2. DIMENSIONAL LIMITS APPLY AFTER PLATING			

 <span>RED BARN MACHINE</span>			
TITLE <span>BATI SUPPORT MOTUER</span>			
DWG NO. <span>8819116000</span>			RI
SCALE <span>NTS</span>	DATE <span>4-14-06</span>	SHEET <span>1 of 3</span>	

NOT APPROVED FOR PRODUCTION

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

PART #	QTY	DESCRIPTION
-1	1	4140 3/16 x 1 1/2 x 4

USED ON MODEL ?     	DRAWN BY: PERRITT	RB RED BARN MACHINE	
	CHECKED	TITLE	
	HEAT TREAT FINISH SPEC	TITLE	
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	TITLE	
	UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	TITLE	
SCALE NTS		DATE 1-28-06	SHEET 1 of 1